

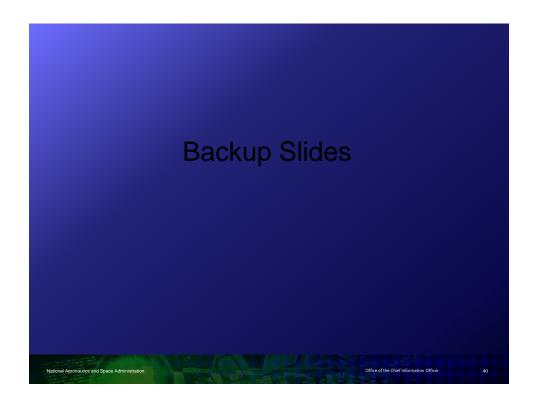




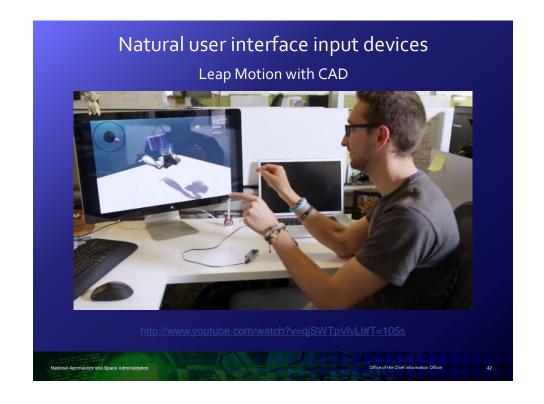
## **Special Thanks**

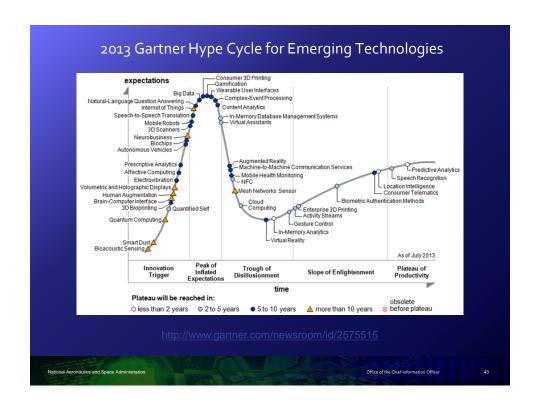
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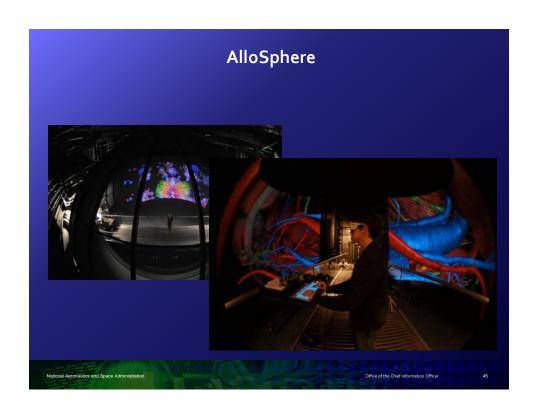


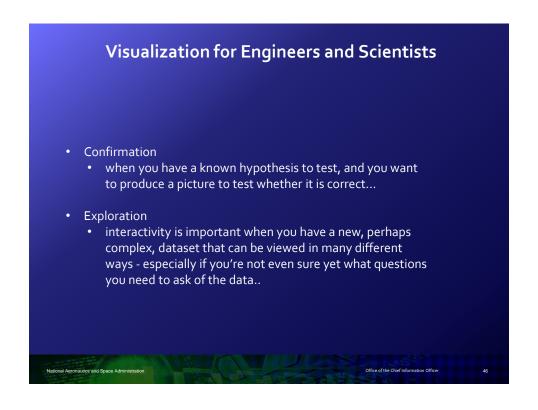
## NextEngine 3D scanner Takes multiple laser scans of object while object is rotated through 360 degrees. Multiple orientations are used. Scanning software stitches together images based on common reference markers. Depends on lighting, proximity, object emissivity etc. Can save to CAD files for manipulation. Applications: Scan biological/abstract forms for simulation. Reverse engineering. Scan and 3D print expensive parts.











## Importance of Visualization

- Hal Varian, Google, "The ability to take data—to be able to understand it, to process it, to extract value from it, to visualize it, to communicate it—that's going to be a hugely important skill in the next decades"
- "Some scientists still think that good data visualization is only necessary when presenting work to "the public". In truth, thinking hard about how to learn the most from any data set should always involve some form of graph, map, chart, or other visual statistical display"

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